

Bar Graph Generator 101

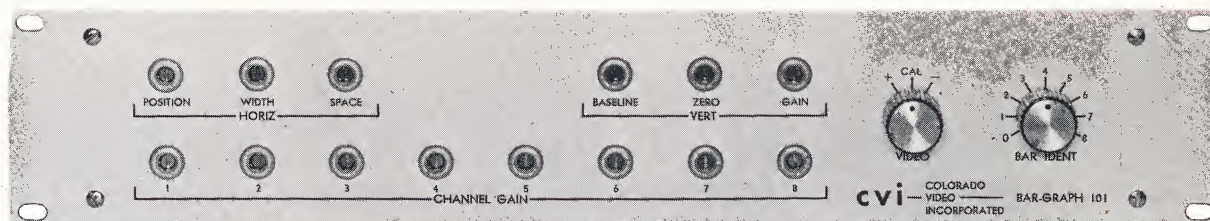


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General Description

The model 101 is used with standard closed circuit television systems to provide a graphic display of 8 separate input signals in the form of a series of vertical bars on a TV monitor, the height of each being proportionate to the associated input voltage. The resultant display is a highly visible and effective means of showing relationships or monitoring the status of a multiplicity of functions.

Design philosophy permits mixing of the Bar Graph output signal with visual information from conventional TV cameras, and all of the systems flexibility of a modern industrial TV system can be used in terms of large or small screen display, multiple station monitoring, switching, mixing, etc. Operating controls allow the positioning and spacing of the bar group for maximum display efficiency, as well as providing for identification of individual channels. Two or more Bar Graph generators may be used when additional inputs are required, with groups being distinguishable by spatial location, size, or video polarity.



Price: \$1250.

(PRICE AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)

- Large screen data presentation
- Systems flexibility
- Low cost remote displays
- High visibility
- Compatible with standard TV systems
- Interconnection for 16-24-32 or more channels
- Individual channel identification
- Flicker-free display
- Black or white image
- Variable bar group position and size
- Solid state
- 3½ inches of rack space



3½" x 19" x 8"

Standard 19" rack

Printed circuit, solid state, silicon

117 VAC, 15 watts

BNC

Horizontal drive	4V, 2.7K ohms
Vertical drive	4V, 2.7K ohms
Blanking	4V, 1K ohms
Sync	4V, 1K ohms
Data	0 to -4 volts, 2K ohms
Video, non-composite	1V, 75 ohms
Video, composite	1V, 75 ohms
Clock pulse	1V, 75 ohms
Gate pulses	1V, 5K ohms

Video polarity

Bar identification

Master gain

Individual channel gains

Horiz bar group position

Horiz bar group spacing

Bar width

Vert bar group position

Reference grating polarity

±2½ percent from .5 to 4 volts input

Features

Applications

- Status indication
- Chart simulation
- Meter remoting
- Profile monitoring
- Telemetry readout
- Digital data display
- Process control
- Classroom demonstration

Specifications

Size

Mounting

Construction

Power

Connectors

Inputs

Outputs

Controls

Linearity